

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121324AL\
 Data File : FC068006.D
 Signal(s) : FID1A.ch
 Acq On : 13 Dec 2024 08:46
 Operator : YP/AJ
 Sample : P5220-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 13 22:43:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.449	132549	0.767 ug/ml
Spiked Amount 50.000		Recovery =	1.53%
12) S 1-chlorooctadecane (S...	12.903	1620099	12.697 ug/ml
Spiked Amount 50.000		Recovery =	25.39%
Target Compounds			
1) T n-Nonane (C9)	3.249	56987	0.367 ug/ml
2) T n-Decane (C10)	4.311	167778	1.058 ug/ml
3) T A~Naphthalene (C11.7)	5.898	74981	0.429 ug/ml
4) T n-Dodecane (C12)	6.324	425547	2.643 ug/ml
5) T A~2-methylnaphthalene...	6.926	85403	0.510 ug/ml
6) T n-Tetradecane (C14)	8.116	680171	4.278 ug/ml
7) T n-Hexadecane (C16)	9.714	781547	4.838 ug/ml
8) T n-Octadecane (C18)	11.153	733800	4.571 ug/ml
10) T n-Eicosane (C20)	12.460	446784	2.970 ug/ml
11) T n-Heneicosane (C21)	13.071	273857	1.874 ug/ml
13) T n-Docosane (C22)	13.657	180705	1.262 ug/ml
14) T n-Tetracosane (C24)	14.757	57864	0.416 ug/ml
18) T n-Dotriacontane (C32)	18.441	71236	0.575 ug/ml
19) T n-Tetratriacontane (C34)	19.224	43129	0.395 ug/ml
20) T n-Hexatriacontane (C36)	19.962	42792	0.452 ug/ml
21) T n-Octatriacontane (C38)	20.681	51935	0.574 ug/ml

(f)=RT Delta > 1/2 Window

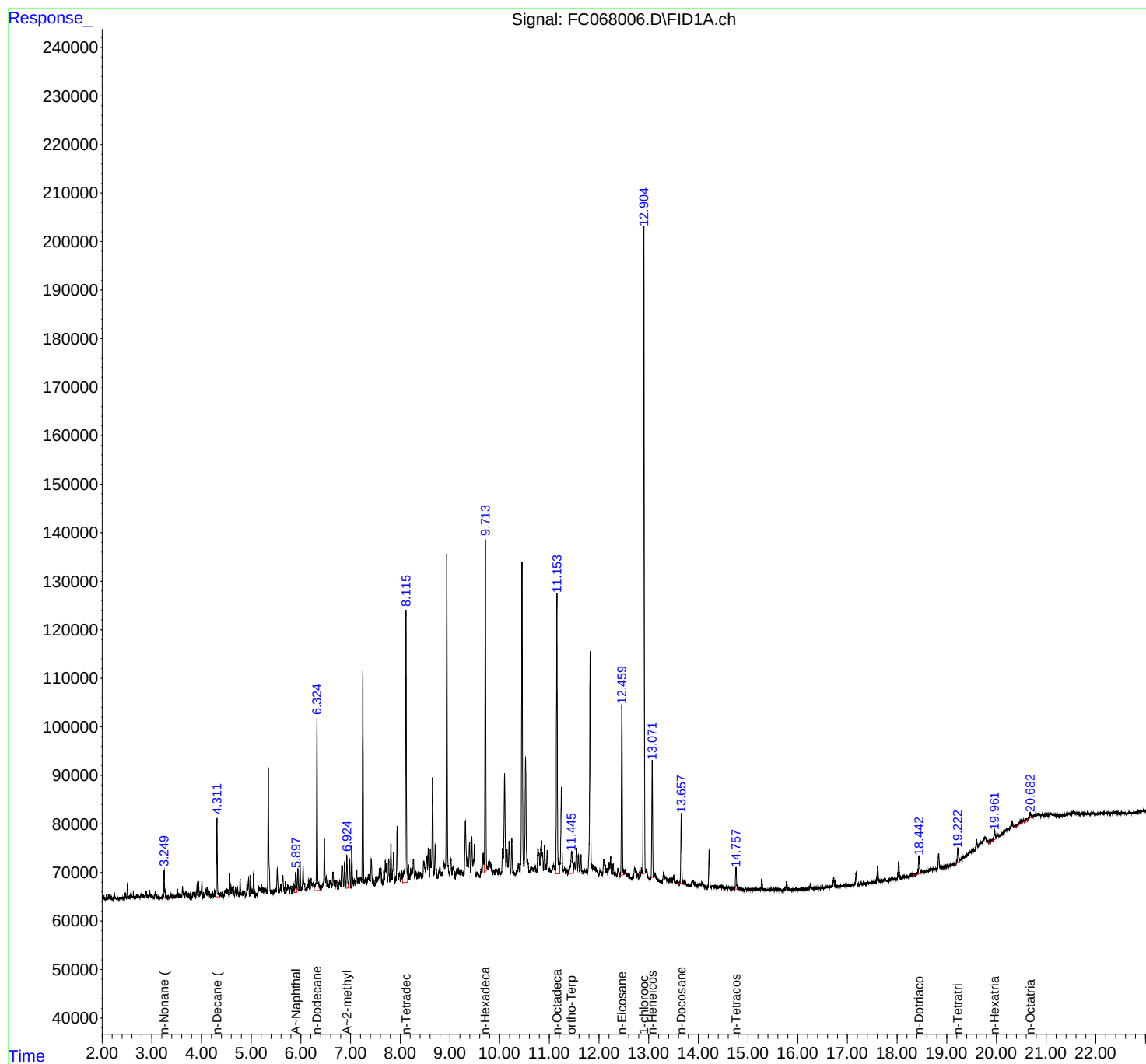
(m)=manual int.

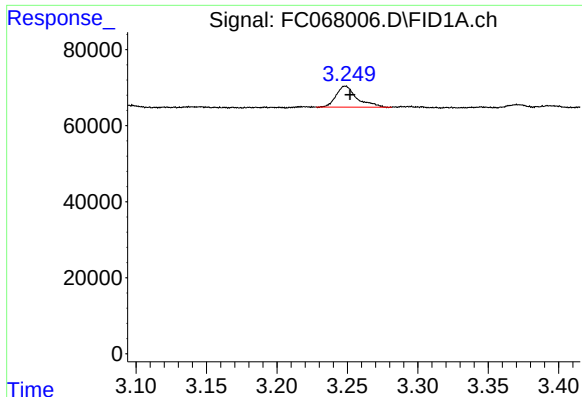
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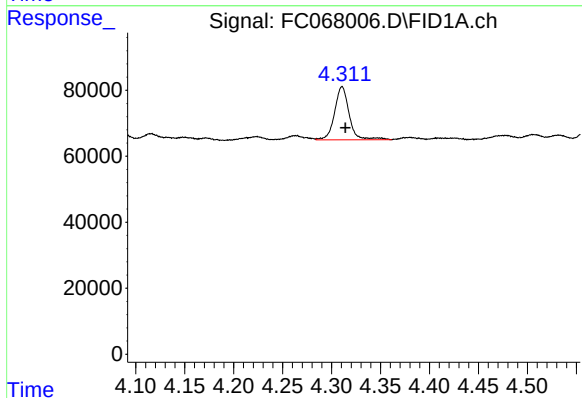




#1 n-Nonane (C9)

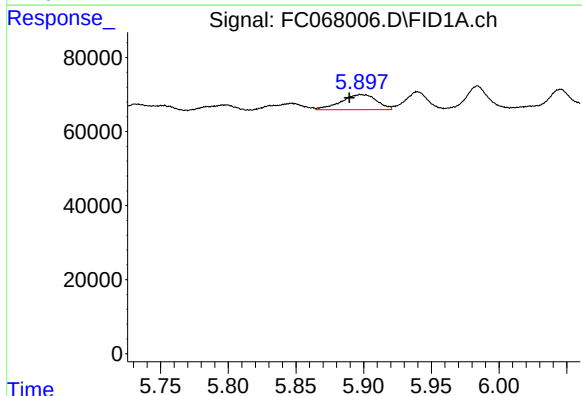
R.T.: 3.249 min
Delta R.T.: -0.003 min
Response: 56987
Conc: 0.37 ug/ml

Instrument :
FID_C
ClientSampleId :



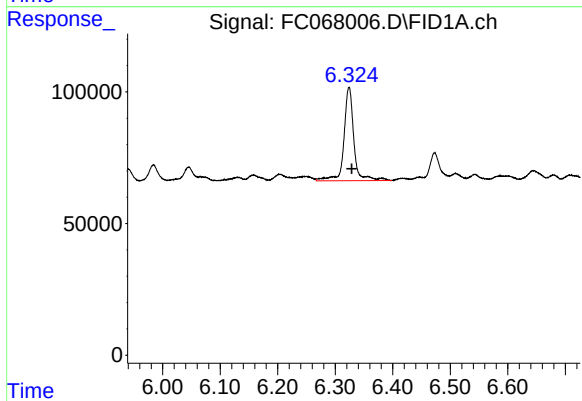
#2 n-Decane (C10)

R.T.: 4.311 min
Delta R.T.: -0.003 min
Response: 167778
Conc: 1.06 ug/ml



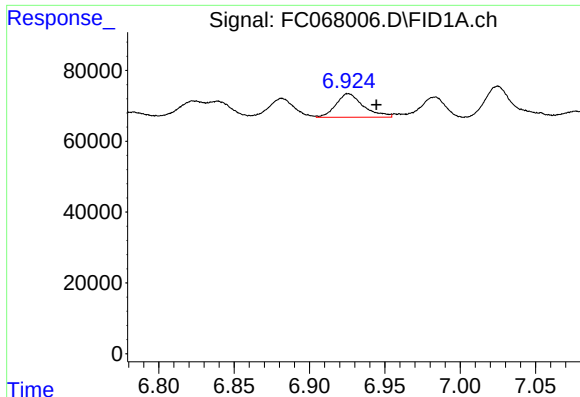
#3 A~Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: 0.009 min
Response: 74981
Conc: 0.43 ug/ml



#4 n-Dodecane (C12)

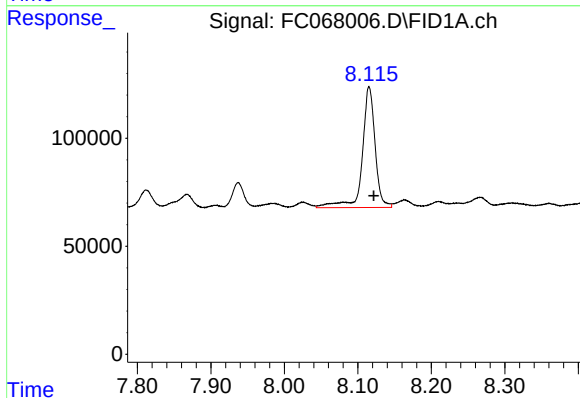
R.T.: 6.324 min
Delta R.T.: -0.005 min
Response: 425547
Conc: 2.64 ug/ml



#5 A~2-methylnaphthalene (C12.89)

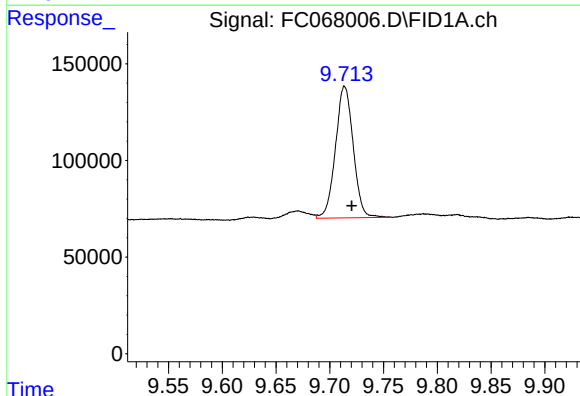
R.T.: 6.926 min
Delta R.T.: -0.018 min
Response: 85403
Conc: 0.51 ug/ml

Instrument :
FID_C
ClientSampleId :



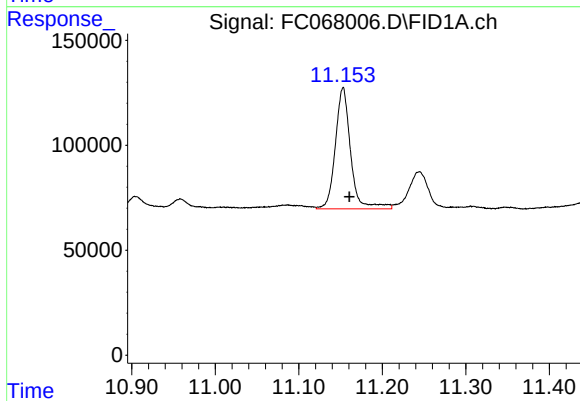
#6 n-Tetradecane (C14)

R.T.: 8.116 min
Delta R.T.: -0.006 min
Response: 680171
Conc: 4.28 ug/ml



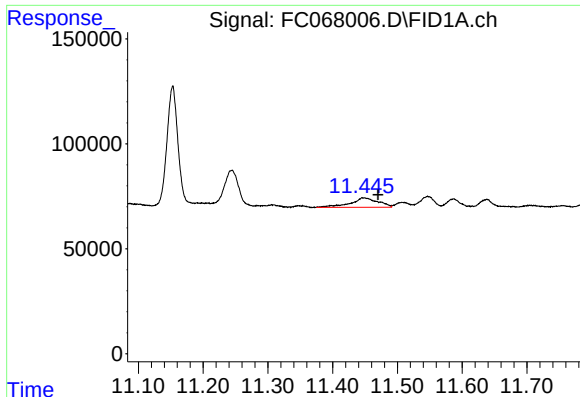
#7 n-Hexadecane (C16)

R.T.: 9.714 min
Delta R.T.: -0.006 min
Response: 781547
Conc: 4.84 ug/ml



#8 n-Octadecane (C18)

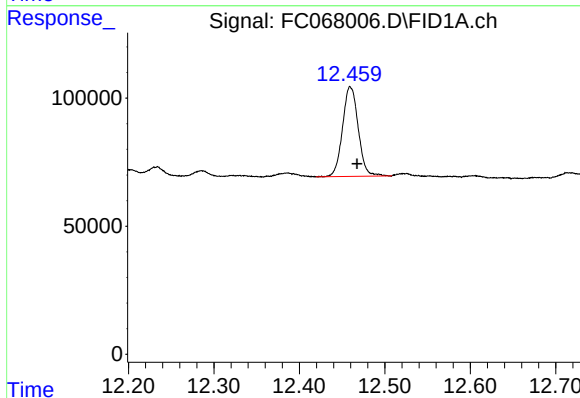
R.T.: 11.153 min
Delta R.T.: -0.007 min
Response: 733800
Conc: 4.57 ug/ml



#9 ortho-Terphenyl (SURR)

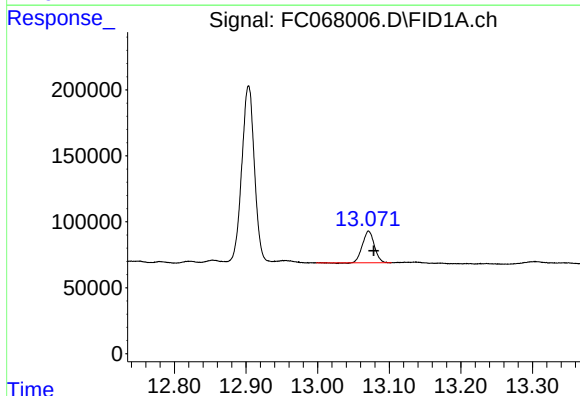
R.T.: 11.449 min
Delta R.T.: -0.022 min
Response: 132549
Conc: 0.77 ug/ml

Instrument :
FID_C
ClientSampleId :



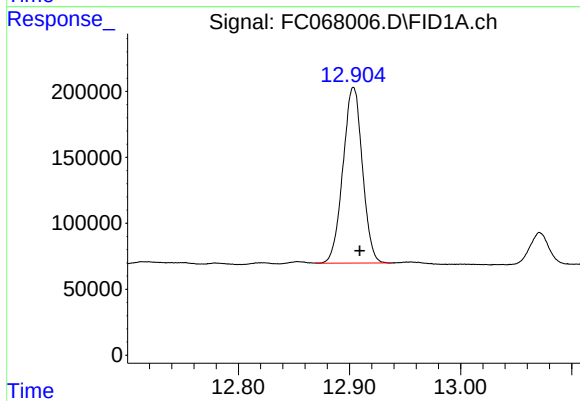
#10 n-Eicosane (C20)

R.T.: 12.460 min
Delta R.T.: -0.008 min
Response: 446784
Conc: 2.97 ug/ml



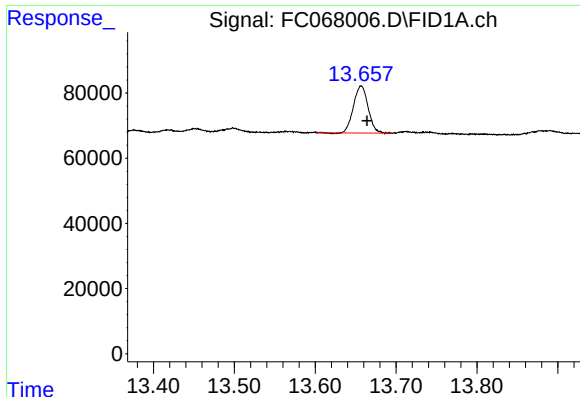
#11 n-Heneicosane (C21)

R.T.: 13.071 min
Delta R.T.: -0.007 min
Response: 273857
Conc: 1.87 ug/ml



#12 1-chlorooctadecane (SURR)

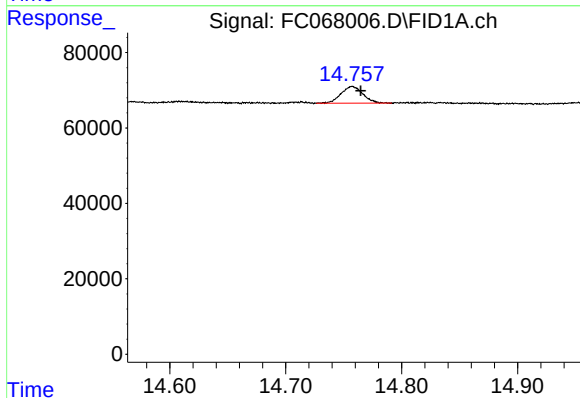
R.T.: 12.903 min
Delta R.T.: -0.006 min
Response: 1620099
Conc: 12.70 ug/ml



#13 n-Docosane (C22)

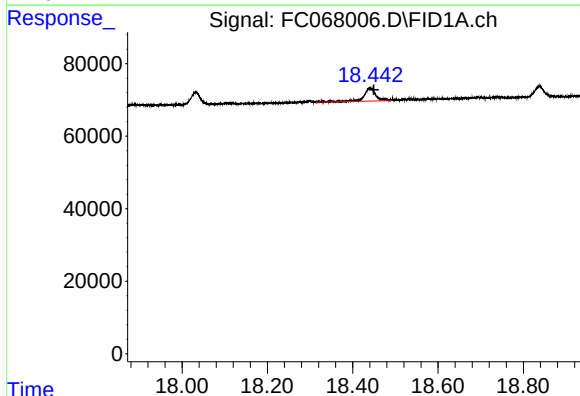
R.T.: 13.657 min
Delta R.T.: -0.007 min
Response: 180705
Conc: 1.26 ug/ml

Instrument :
FID_C
ClientSampleId :



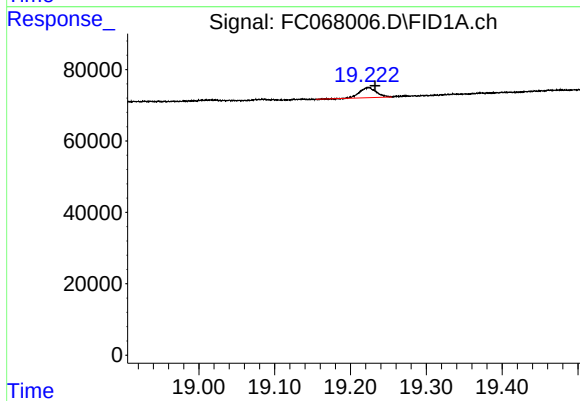
#14 n-Tetracosane (C24)

R.T.: 14.757 min
Delta R.T.: -0.007 min
Response: 57864
Conc: 0.42 ug/ml



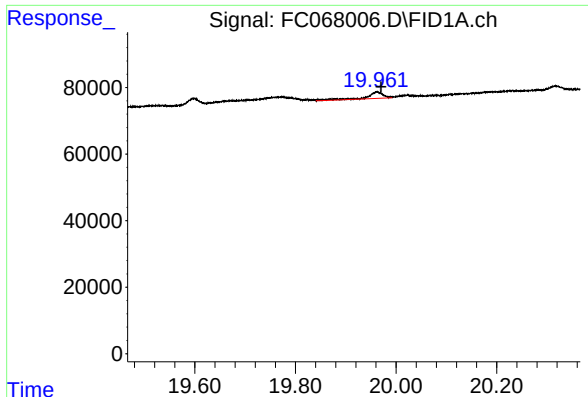
#18 n-Dotriacontane (C32)

R.T.: 18.441 min
Delta R.T.: -0.009 min
Response: 71236
Conc: 0.58 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.224 min
Delta R.T.: -0.009 min
Response: 43129
Conc: 0.40 ug/ml



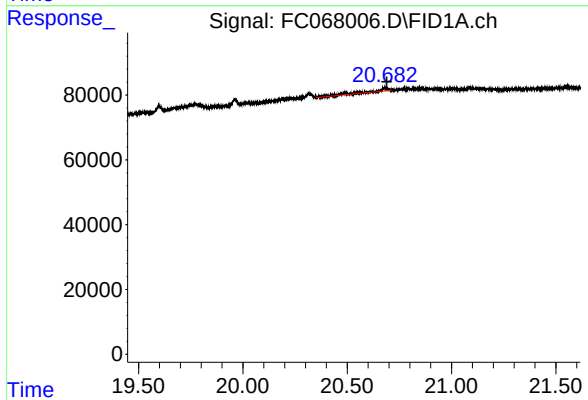
#20 n-Hexatriacontane (C36)

R.T.: 19.962 min
Delta R.T.: -0.008 min
Response: 42792
Conc: 0.45 ug/ml

Instrument :

FID_C

ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 20.681 min
Delta R.T.: -0.008 min
Response: 51935
Conc: 0.57 ug/ml